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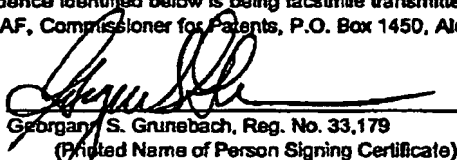
Attention:	MAIL STOP AF Group Art Unit: 2631 Examiner: Juan A. Torres	Fax:	(571) 273-8300
UNITED	STATES PATENT AND TRADEMARK OFFICE	Phone:	(571) 272-3119
Pages:	Cover + 2 + 2 + 1 + 5 = 11	Date:	February 17, 2006
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941
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Georgann S. Grunebach, Reg. No. 33,179  
(Printed Name of Person Signing Certificate)

February 17, 2006  
(Date of Signature)

Attention: Commissioner for Patents

Attorney Docket No. PD-201148

Please find attached Re:

Serial No.: 10/068,039

Filing Date: February 5, 2002

- > INFORMATION DISCLOSURE STATEMENT (2 pages in duplicate)
- > SUBSTITUTE FORM PTO 1449 (1 page)
- > NON-PATENT LITERATURE (5 pages)

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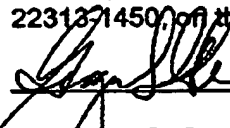
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Patent  
PD-201148  
Customer No. 020991

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen et al. : I hereby certify that this correspondence is  
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Filed: February 5, 2002 : addressed to:  
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**UNDER 37 C.F.R. § 1.97 (d)**  
**WITH FEE AS SET FORTH IN §1.17(p)**

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The reference cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

The reference was cited in a European Patent Office communication dated February 2, 2006 in the counterpart European patent application.

This statement should be considered because it is submitted after the period specified under 37 C.F.R. §1.97(c), but filed on or before payment of the issue fee as set forth in 37 C.F.R. § 1.97(d).

Serial No. 10/068,039.....Page 2

**Certification Under 37 C.F.R. §1.97(e)**

Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement (certification under 37 C.F.R. § 1.97 (e)(1)).

**PAYMENT OF FEE SET FORTH IN §1.17(p)**

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to that account. **This form is being submitted in duplicate.**

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 

Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.  
RE/R11/A109  
P. O. Box 956  
El Segundo, CA 90245

Telephone No. (310) 964-4615

February 17, 2006


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Patent  
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Serial No.: 10/068,049  
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SYSTEM TO USE LEGACY  
RECEIVERSGroup Art Unit: 2631  
Examiner: Juan A. TorresI hereby certify that this correspondence is  
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(Centralized Facsimile Number),  
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Patents, P. O. Box 1450, Alexandria, VA  
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Georgann S. Grunebach  
Typed or printed name of person signing certificate

Date: February 17, 2006

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Serial No. 10/068,039.....Page 2

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February 17, 2006

PTO/SB/088 (08-03)

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete if Known</b>	
	Application Number	10/068,039
	Filing Date	February 5, 2002
	First Named Inventor	Ernest C. Chen
	Art Unit	2631
	Examiner Name	Torres, Juan A.
Sheet 1 of 1	Attorney Docket Number	PD-201148

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		MEYR, HEINRICH; MOENECLAAY, MARC; FECHTEL, STEFAN A.; "Digital Communication Receivers: Synchronization, Channel Estimation and Signal Processing"; 1998; pages 610-612; John Wiley & Sons, Inc. publisher; US; XP002364876	

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